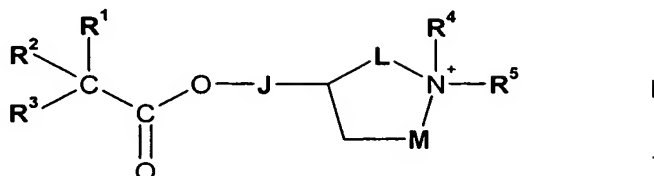


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Original): A compound of formula I



in salt or zwitterionic form wherein

R¹ and R³ are each independently a C₃-C₁₅-carbocyclic group or a 5- to 12-membered heterocyclic group having at least one ring heteroatom selected from nitrogen, oxygen and sulphur;

R² is hydrogen, hydroxy, or C₁-C₄-alkyl optionally substituted by hydroxy;

L and M are (a bond and -CH₂-CH₂-), (-CH₂- and -CH₂-CH₂-) or (-CH₂-CH₂- and -CH₂-) respectively and J is C₁-C₂-alkylene,

or L and M are (-CH₂- and -CH₂-CH₂-) or (-CH₂-CH₂- and -CH₂-) respectively and J is a bond;

R⁴ is C₁-C₄-alkyl;

R⁵ is C₁-alkyl substituted by -SO-R⁶, -S(=O)₂-R⁶, -CO-R⁶, -CO-O-R⁶, -CO-NH-R⁶ or -R⁷,

or R⁵ is C₂-C₁₀-alkyl substituted by -O-R⁶, -S-R⁶, -SO-R⁶, -S(=O)₂-R⁶, -CO-R⁶, -O-CO-R⁶, -CO-O-R⁶, -NH-CO-R⁶, -CO-NH-R⁶, -R⁷ or -R⁸,

or R⁵ is C₂-C₁₀-alkenyl or C₂-C₁₀-alkynyl optionally substituted by -R⁷ or -R⁸;

R⁶ is a C₃-C₁₅-carbocyclic group or a 5- to 12-membered heterocyclic group having at least one ring heteroatom selected from nitrogen, oxygen and sulphur,

or R⁶ is C₁-C₁₀-alkyl optionally substituted by C₁-C₁₀-alkoxy, -O-R⁷, a C₃-C₁₅-carbocyclic group or a 5- to 12-membered heterocyclic group having at least one ring heteroatom selected from nitrogen, oxygen and sulphur;

R⁷ is a 5- to 12-membered heterocyclic group having at least one ring heteroatom selected from nitrogen, oxygen and sulphur; and

R⁸ is a C₃-C₁₅-carbocyclic group.

Claim 2. (Original): A compound according to claim 1, wherein

R¹ and R³ are each independently a C₃-C₁₅-carbocyclic group or a 5- to 12-membered heterocyclic group having at least one ring heteroatom selected from nitrogen, oxygen and sulphur;

R² is hydroxy;

L and M are (a bond and -CH₂-CH₂-), (-CH₂- and -CH₂-CH₂-) or (-CH₂-CH₂- and -CH₂-) respectively and J is C₁-C₂-alkylene,
 or L and M are (-CH₂- and -CH₂-CH₂-) or (-CH₂-CH₂- and -CH₂-) respectively and J is a bond;
 R⁴ is C₁-C₄-alkyl;
 R⁵ is C₁-alkyl substituted by -CO-R⁶ or -CO-NH-R⁶,
 or R⁵ is C₂-C₁₀-alkyl substituted by -O-R⁶, -S-R⁶, -O-CO-R⁶ or -R⁸,
 or R⁵ is C₂-C₁₀-alkenyl or C₂-C₁₀-alkynyl optionally substituted by -R⁸;
 R⁶ is a C₃-C₁₅-carbocyclic group,
 or R⁶ is C₁-C₁₀-alkyl optionally substituted by C₁-C₁₀-alkoxy, O-R⁸ or a C₃-C₁₅-carbocyclic group;
 and
 R⁸ is a C₃-C₁₅-carbocyclic group.

Claim 3. (Original): A compound according to claim 2, wherein

R¹ and R³ are each independently a C₃-C₁₀-carbocyclic group, preferably phenyl, or a 5- to 9-membered heterocyclic group having at least one ring heteroatom selected from nitrogen, oxygen and sulphur, preferably thienyl;

R² is hydroxy;

L and M are (a bond and -CH₂-CH₂-), (-CH₂- and -CH₂-CH₂-) or (-CH₂-CH₂- and -CH₂-) respectively and J is C₁-C₂-alkylene,

or L and M are (-CH₂- and -CH₂-CH₂-) or (-CH₂-CH₂- and -CH₂-) respectively and J is a bond;
 R⁴ is C₁-C₄-alkyl;

R⁵ is C₁-alkyl substituted by -CO-R⁶ or -CO-NH-R⁶,

or R⁵ is C₂-C₅-alkyl substituted by -O-R⁶, -S-R⁶, -O-CO-R⁶ or -R⁸,

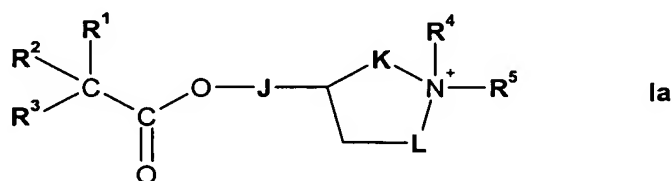
or R⁵ is C₂-C₄-alkenyl or C₂-C₈-alkynyl optionally substituted by -R⁸;

R⁶ is a C₃-C₁₀-carbocyclic group, preferably phenyl,

or R⁶ is C₁-C₁₅-alkyl optionally substituted by C₁-C₄-alkoxy, O-R⁸ or a C₃-C₁₀-carbocyclic group;
 and

R⁸ is a C₃-C₁₀-carbocyclic group, preferably phenyl.

Claim 4. (Currently amended): A compound according to claim 1, that is also a compound of formula Ia



wherein

R¹ and R³ are each independently a C₃-C₁₅-carbocyclic group or a 5- to 12-membered heterocyclic group having at least one ring heteroatom selected from nitrogen, oxygen and sulphur;

R² is hydrogen, hydroxy, or C₁-C₄-alkyl optionally substituted by hydroxy;

J and K are both independently C₁-C₂-alkylene,

or one of J and K is a bond and the other is C₁-C₂-alkylene;

L is C₁-C₂-alkylene;

R⁴ is C₁-C₄-alkyl;

R⁵ is ~~C₄-C₈-alkyl~~ C₂-C₈-alkyl substituted by -OR⁶, -O-CO-R⁶ or -CO-O-R⁶; and

R⁶ is C₁-C₈-alkyl, a C₃-C₁₅-carbocyclic group or a 5- to 12-membered heterocyclic group having at least one ring heteroatom selected from nitrogen, oxygen and sulphur.

Claim 5. (Currently amended): A compound according to claim 4, wherein

R¹ and R³ are each independently a C₃-C₁₅-carbocyclic group;

R² is hydroxy;

J is a bond;

K is C₁-C₂-alkylene;

L is C₁-C₂-alkylene;

R⁴ is C₁-C₄-alkyl;

R⁵ is ~~C₄-C₈-alkyl~~ C₂-C₈-alkyl substituted by -OR⁶; and

R⁶ is a C₃-C₁₅-carbocyclic group.

Claim 6. (Currently amended): A compound according to claim 5, wherein

R¹ and R³ are each independently a C₃-C₁₀-carbocyclic group, preferably phenyl;

R² is hydroxy;

J is a bond;

K is C₁-C₂-alkylene;

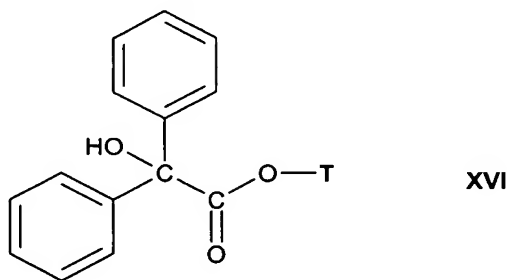
L is C₁-C₂-alkylene;

R⁴ is methyl;

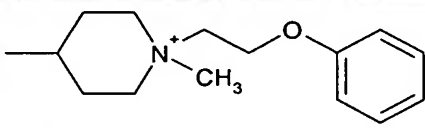
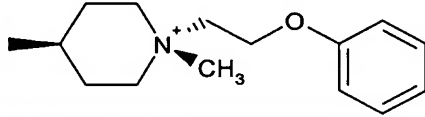
R⁵ is ~~C₄-C₄-alkyl~~ C₂-C₄-alkyl substituted by -OR⁶; and

R⁶ is a C₃-C₁₀-carbocyclic group, preferably phenyl.

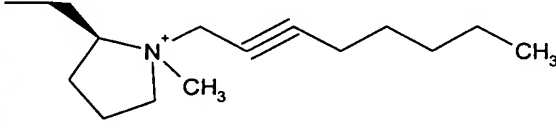
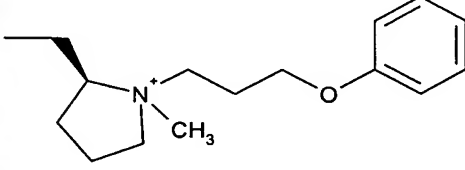
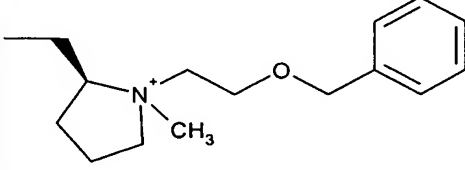
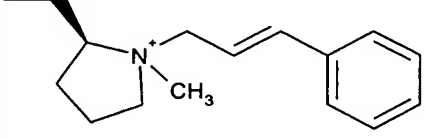
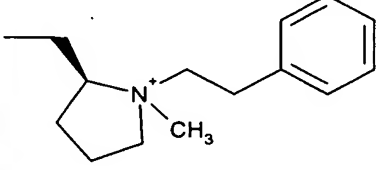
Claim 7. (Original): A compound according to claim 1, which is also a compound of formula XVI

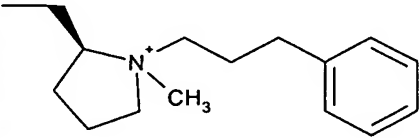
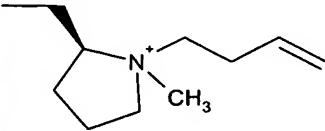
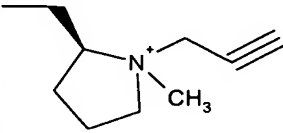
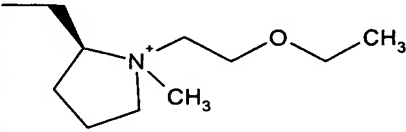
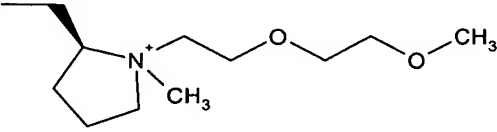
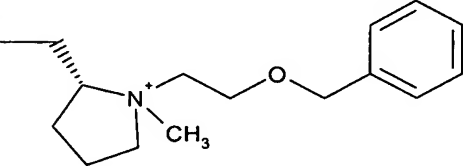
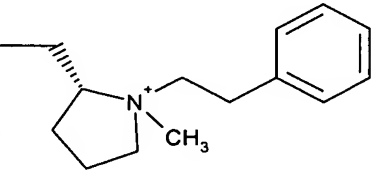
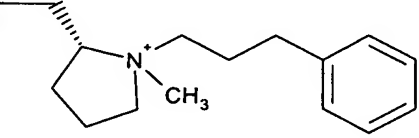


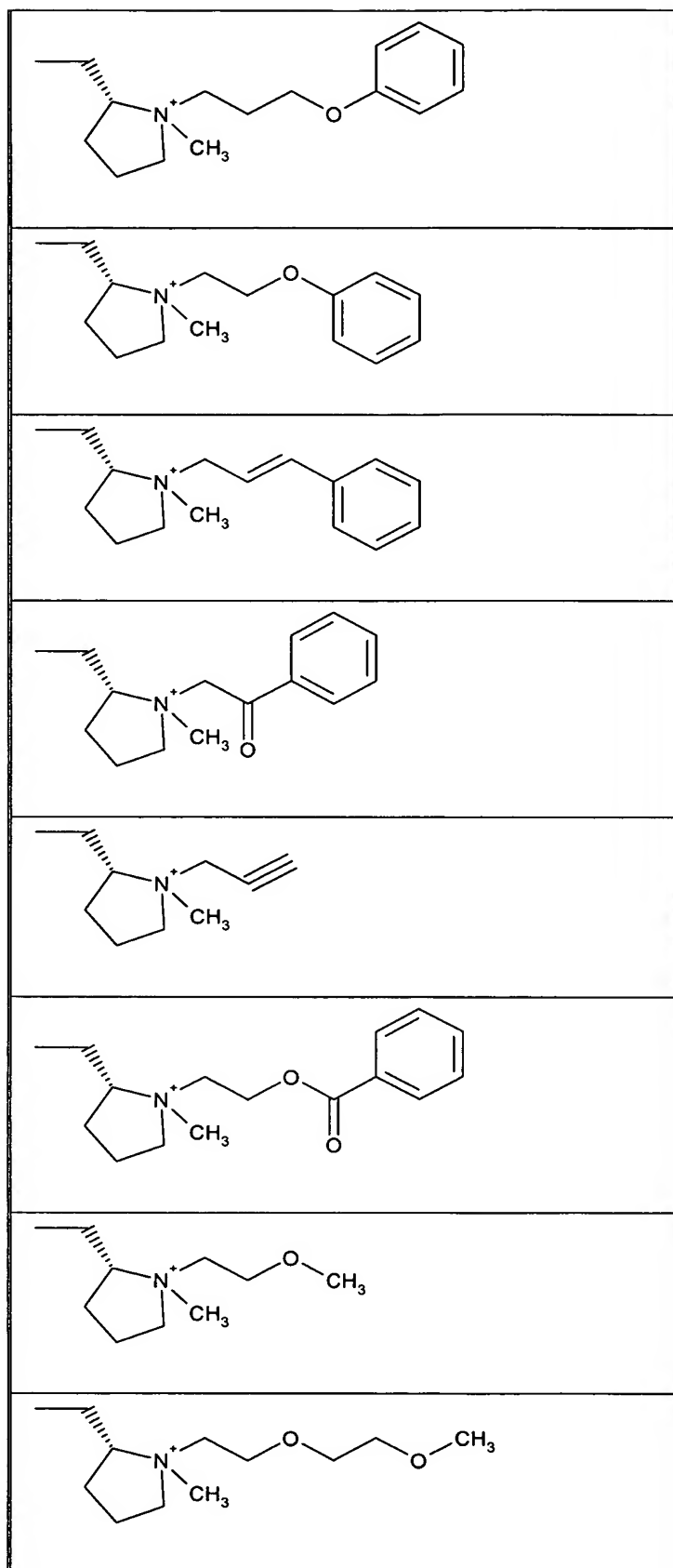
where T is as shown in the following table:

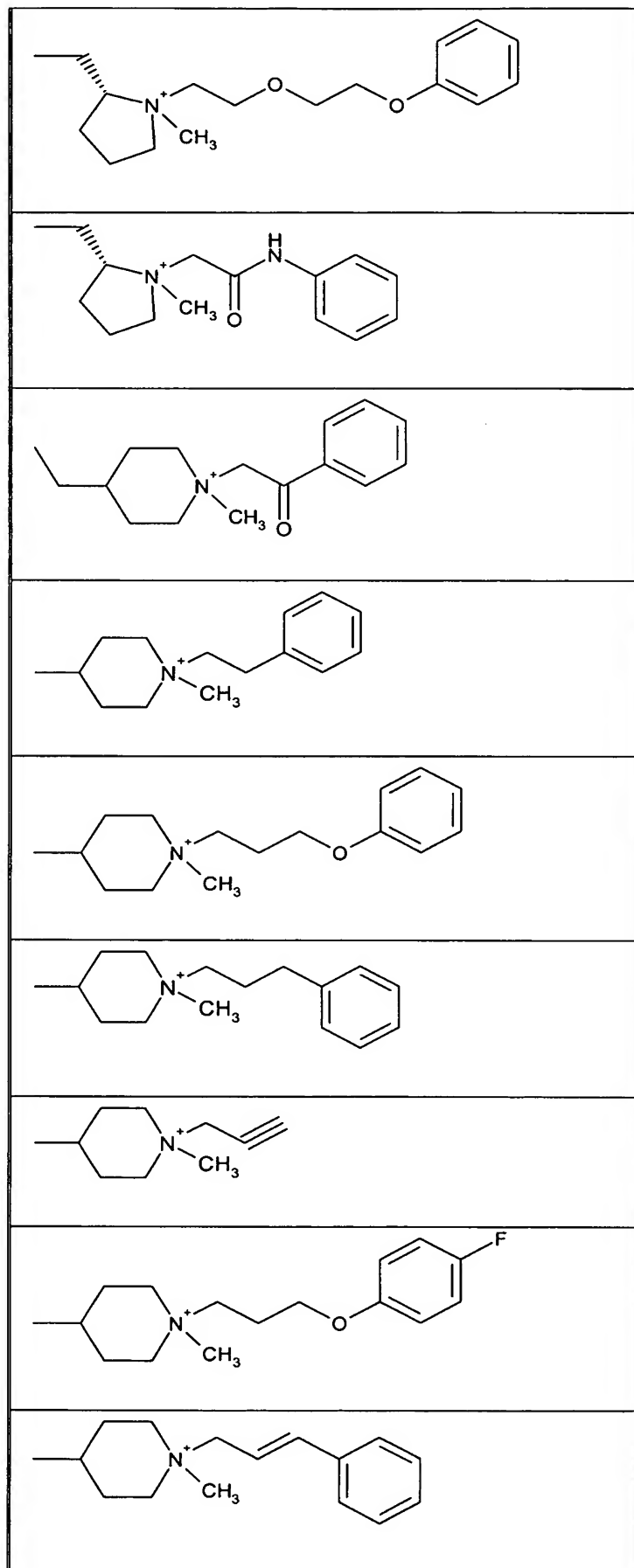
T



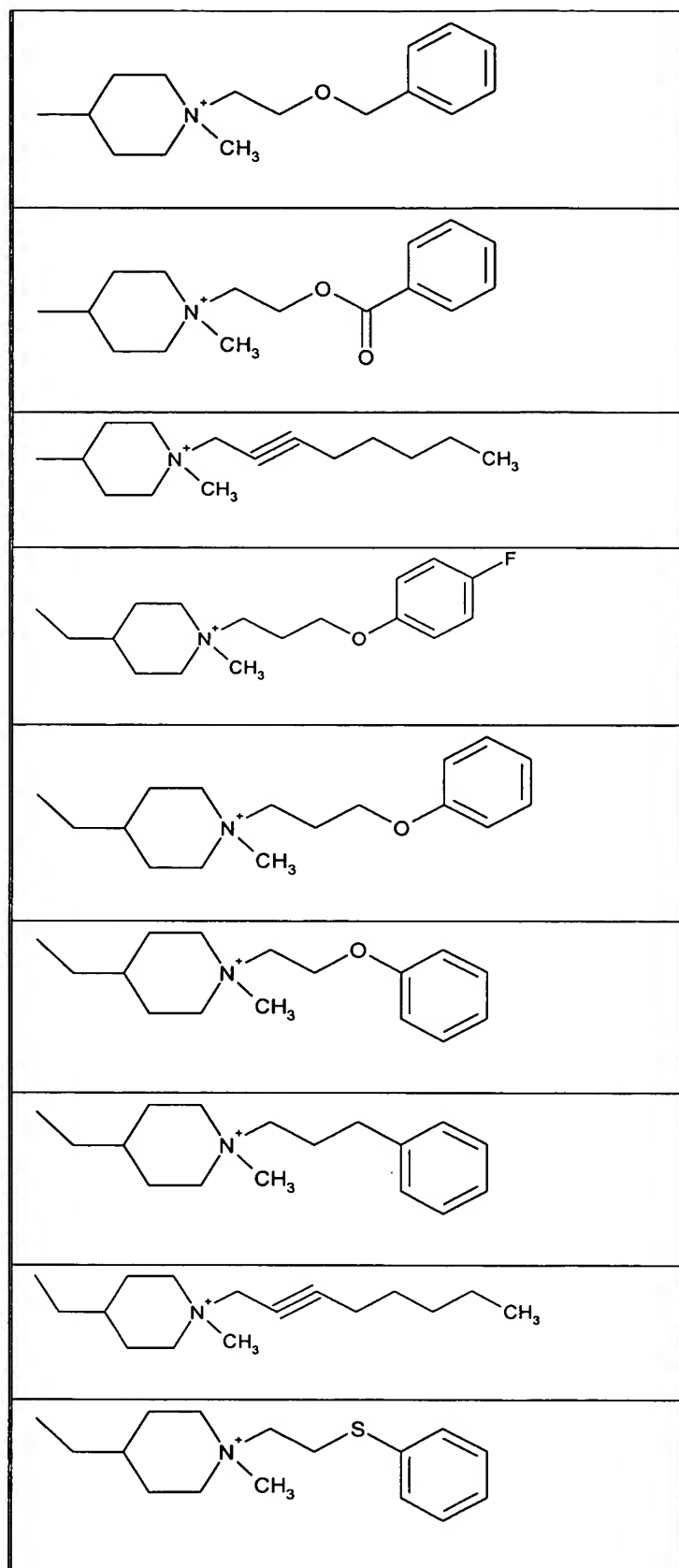
Claim 8. (Original): A compound according to claim 1, which is also a compound of formula XVI where T is as shown in the following table:

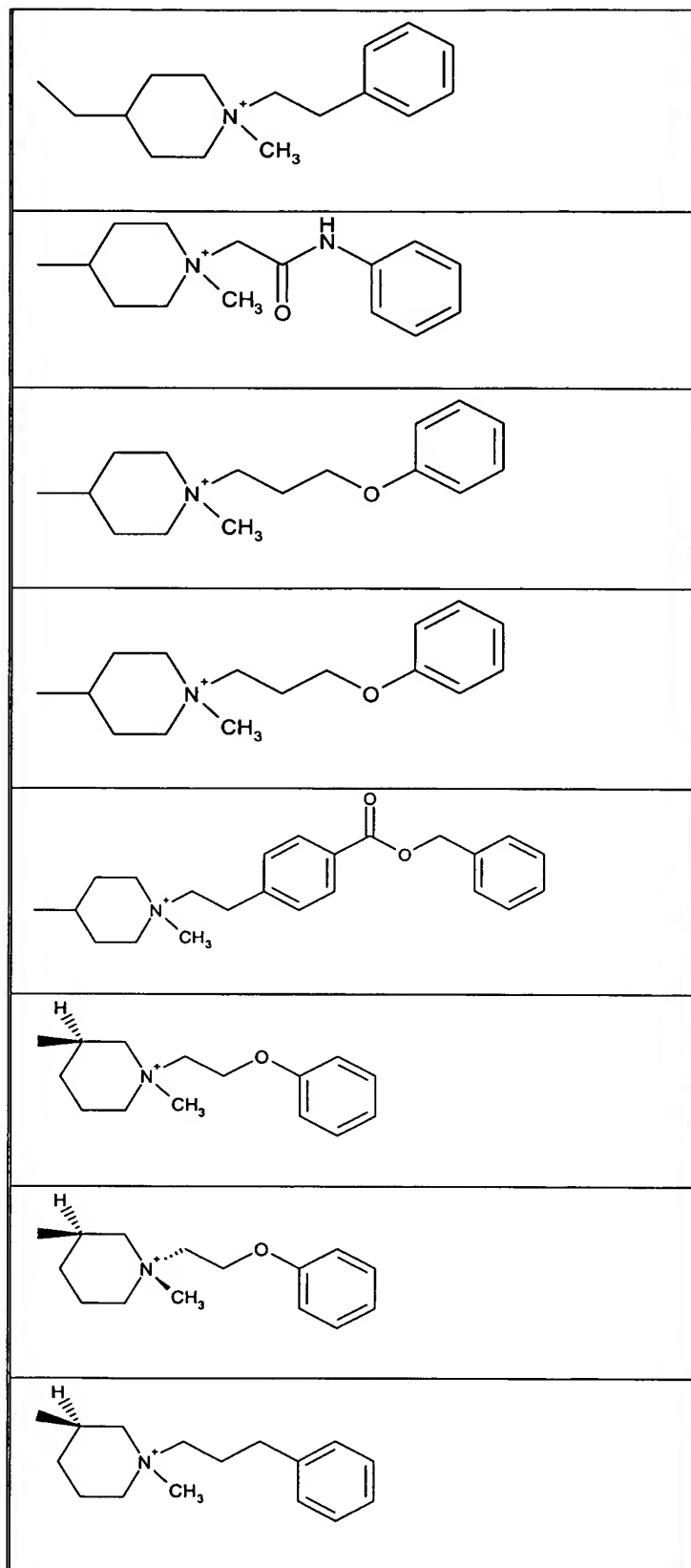
T






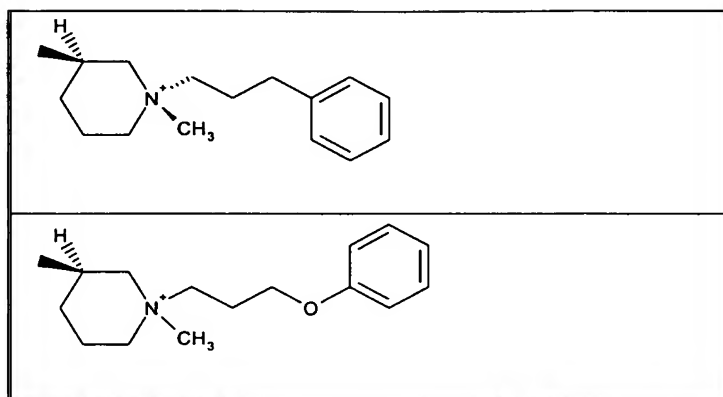











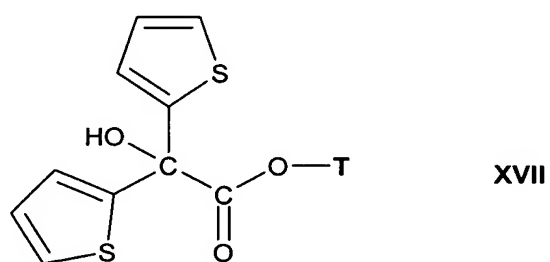




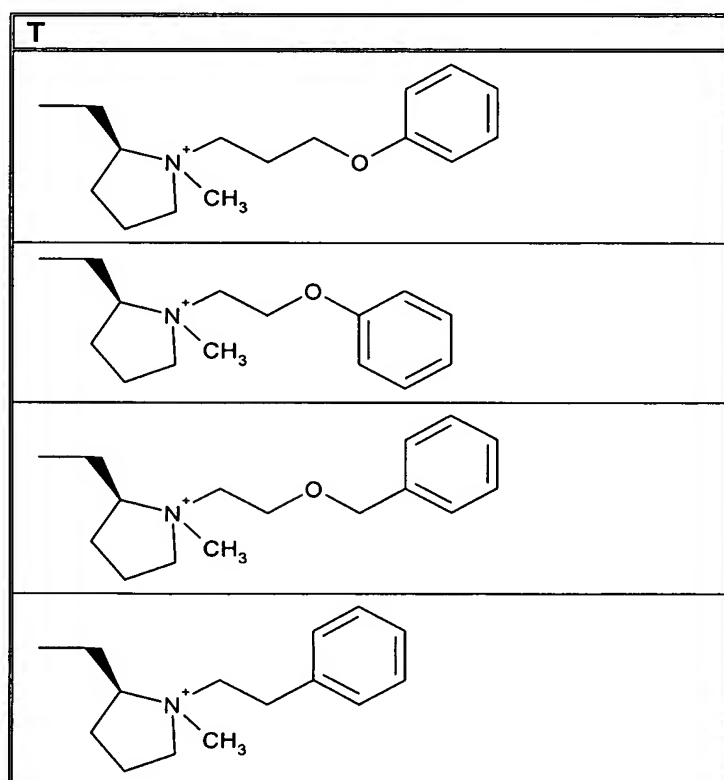


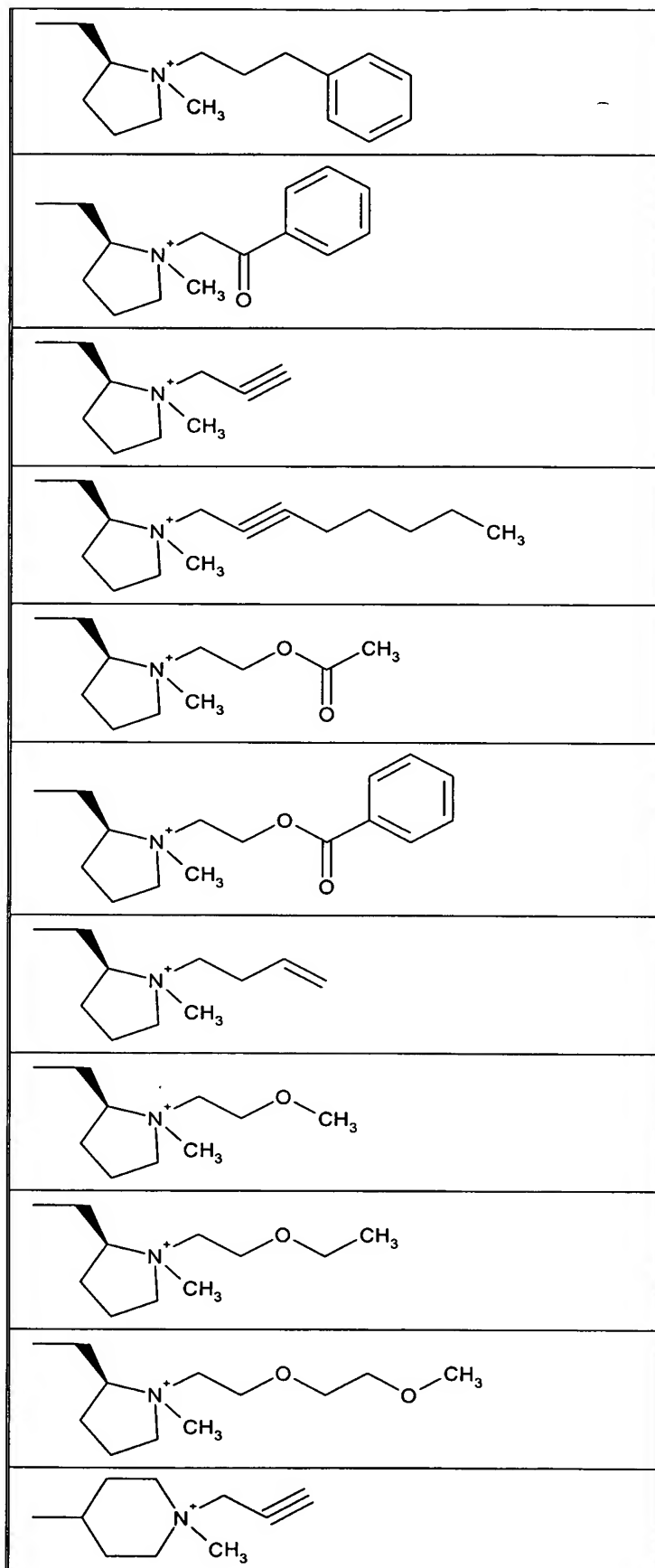


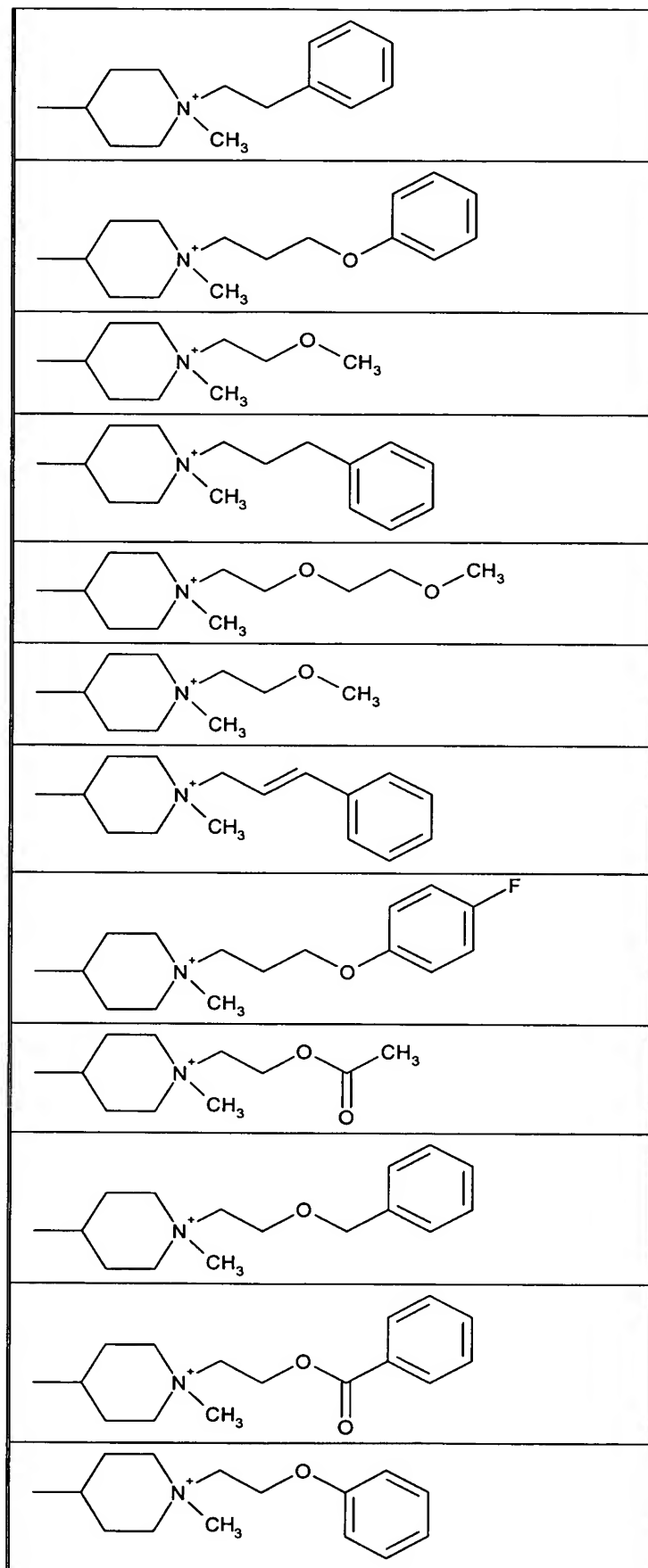
Claim 9. (Original): A compound according to claim 1, which is also a compound of formula XVII

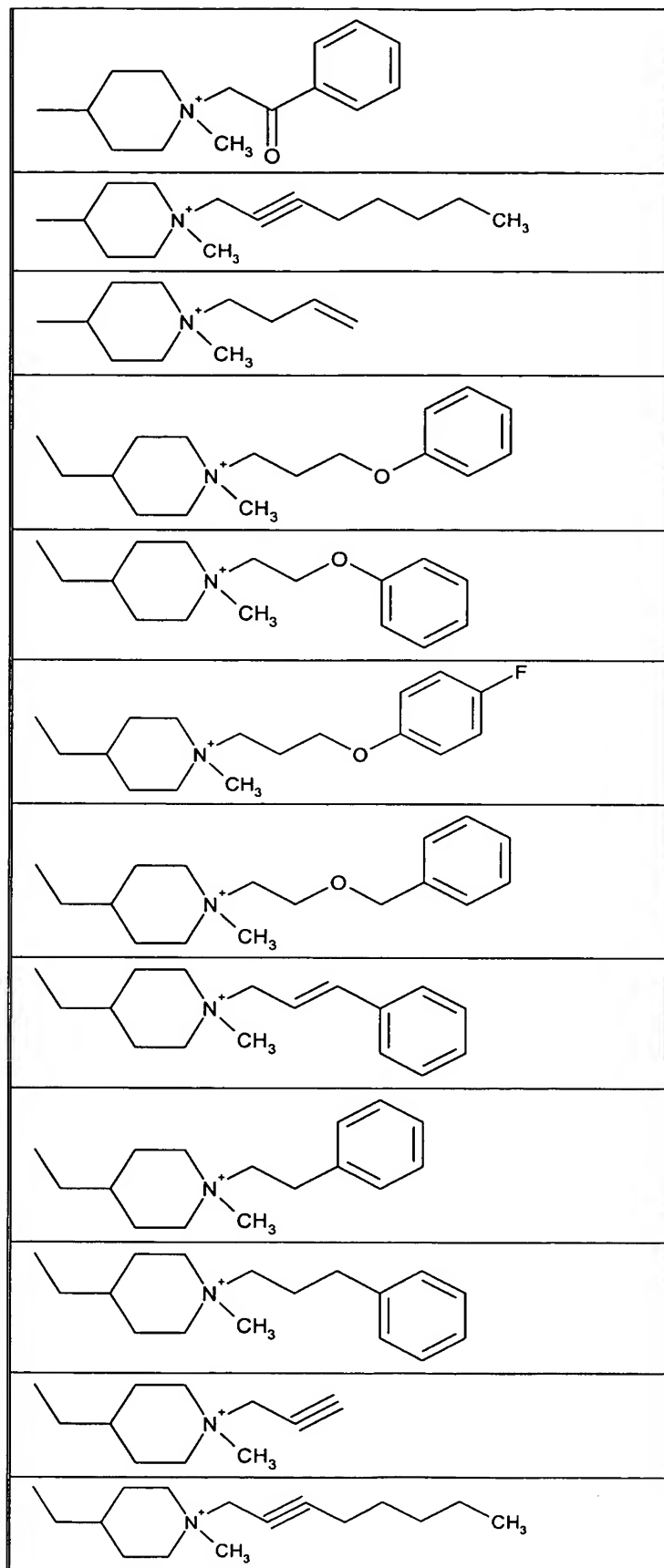


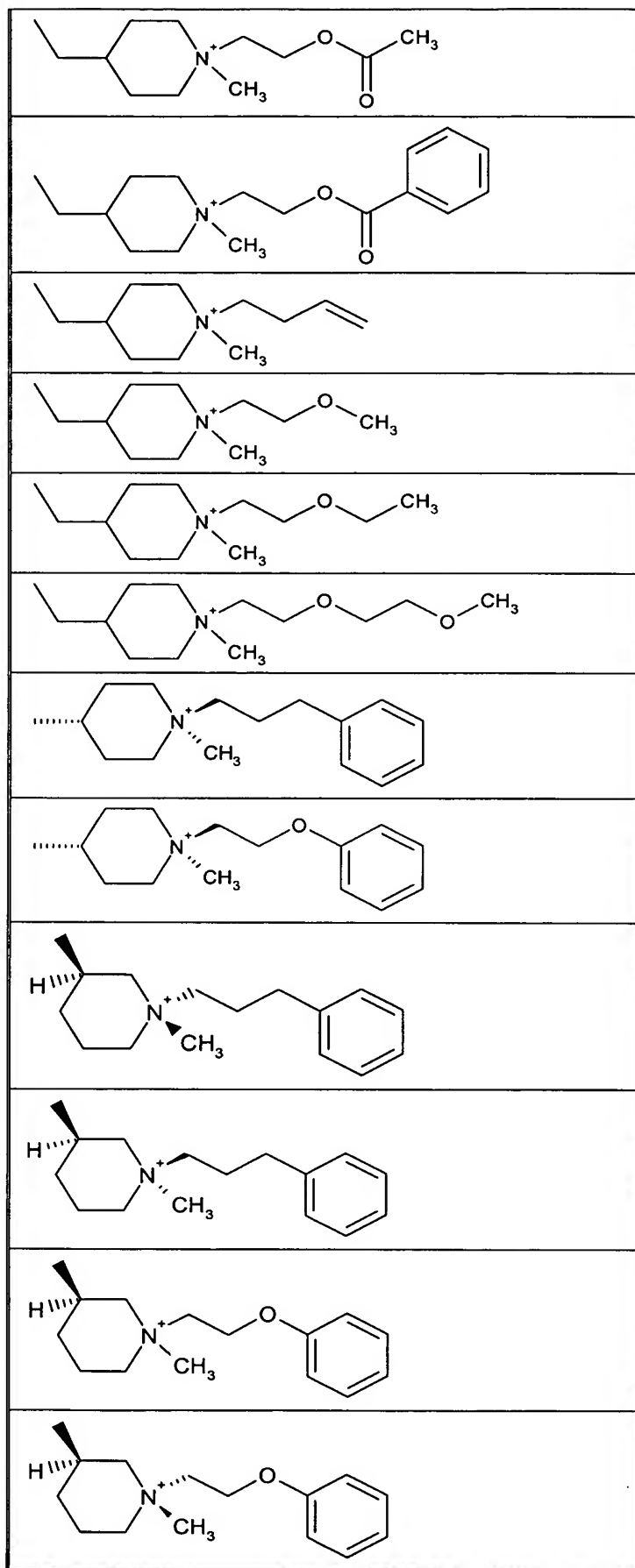
where T is as shown in the following table:











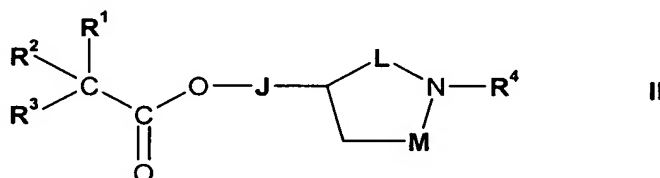
Claim 10. (Currently amended): A compound according to ~~any one of the preceding claims 1~~ in combination with at least one drug substance ~~which is selected from the group consisting of an anti-inflammatory, a bronchodilator, an antihistamine, a decongestant or and an anti-tussive drug substance.~~

Claim 11. (Currently amended): A pharmaceutical composition comprising as active ingredient a compound according to any one of the preceding claims 1 for use as a pharmaceutical.

Claims 12.-15. Cancelled

Claim 16. (Original): A process for the preparation of a compound of formula I as claimed in claim 1 which comprises:

(i) (A) reacting a compound of formula II

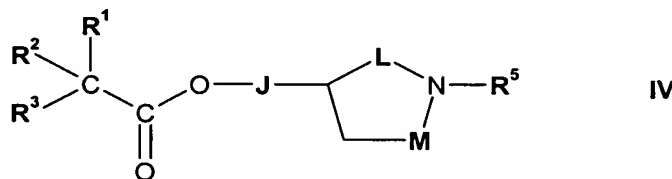


or a protected form thereof where R^1 , R^2 , R^3 , R^4 , J, L and M are as defined in claim 1, with a compound of formula III



where R^5 is as defined in claim 1 and X is chloro, bromo or iodo;

(B) reacting a compound of formula IV

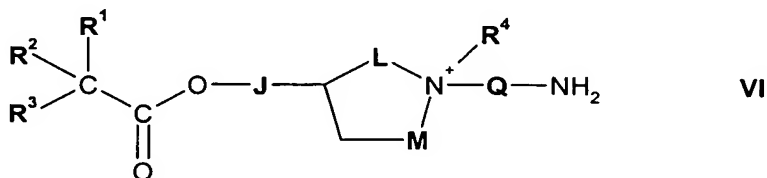


or a protected form thereof where R^1 , R^2 , R^3 , R^5 , J, L and M are as defined in claim 1, with a compound of formula V

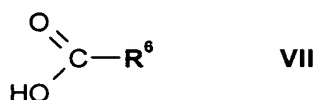


where R^4 is as defined in claim 1 and X is chloro, bromo or iodo;

(C) for the preparation of compounds of formula I where R^5 is $-\text{Q}-\text{NH}-\text{CO}-\text{R}^6$, reacting a compound of formula VI



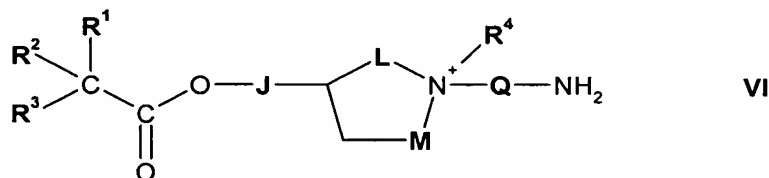
or a protected form thereof where R¹, R², R³, R⁴, J, L and M are as defined in claim 1 and Q is C₁-C₁₀-alkylene, with a compound of formula VII



or an amide-forming derivative thereof wherein R⁶ is as defined in claim 1; or

(D) for the preparation of compounds of formula I where R⁵ is C₁-C₁₀-alkyl substituted by a C₃-C₁₅-carbocyclic group that is substituted by carboxy, converting a compound of formula I where R¹, R², R³, R⁴, J, L and M are as defined in claim 1 and R⁵ is C₁-C₁₀-alkyl substituted by a C₃-C₁₅-carbocyclic group that is substituted by either -COO-C₆-C₁₀-aryl or -COO-C₇-C₁₅-aralkyl; and
(ii) recovering the product in salt or zwitterionic form.

Claim 17. (Original): A compound of formula VI



in salt or zwitterionic form wherein

R¹ and R³ are each independently a C₃-C₁₅-carbocyclic group or a 5- to 12-membered heterocyclic group having at least one ring heteroatom selected from nitrogen, oxygen and sulphur;

R² is hydrogen, hydroxy, or C₁-C₄-alkyl optionally substituted by hydroxy;

L and M are (a bond and -CH₂-CH₂-), (-CH₂- and -CH₂-CH₂-) or (-CH₂-CH₂- and -CH₂-) respectively and J is C₁-C₂-alkylene,

or L and M are (-CH₂- and -CH₂-CH₂-) or (-CH₂-CH₂- and -CH₂-) respectively and J is a bond;

R⁴ is C₁-C₄-alkyl; and

Q is C₁-C₁₀-alkylene.

Claim 18. (New): A pharmaceutical composition according to claim 11 wherein the compound is a single enantiomer.

Claim 19. (New): A pharmaceutical composition comprising as active ingredient a compound according to claim 1 in combination with another drug substance selected from the group consisting of an anti-inflammatory, a bronchodilator, an antihistamine, a decongestant and an anti-tussive drug substance, optionally together with a pharmaceutically acceptable diluent or carrier.

Claim 20. (New): A method of treating a condition mediated by the muscarinic M3 receptor in a subject in need of such treatment, which comprises administering to said subject an effective

amount of a compound of formula I as defined in claim 1 in free form or in the form of a pharmaceutically acceptable salt.

Claim 21. (New): A method of treating an inflammatory or obstructive airways disease in a subject in need of such treatment, which comprises administering to said subject an effective amount of a compound of formula I as defined in claim 1 in free form or in the form of a pharmaceutically acceptable salt.

Claim 22. (New): A method according to claim 20, in which the compound of formula I is a single enantiomer.